SEQUENCE LISTING

<110> Elsbach et al. <120> THERAPEUTIC USES OF BACTERICIDAL/PERMEABILITY-INCREASING PROTEIN FRAGMENTS <130> 28297/32248C <150> 09/866,514 <151> 2001-05-25 <150> 09/309,217 <151> 1999-05-10 <160> 6 <170> PatentIn Ver. 2.0 <210> 1 <211> 1813 <212> DNA <213> Homo sapiens <220> <221> CDS <222> (31)..(1491) <220> <221> mat_peptide <222> (124)..(1491) <400> 1 caggeettga ggttttggca getetggagg atg aga gag aac atg gee agg gge Met Arg Glu Asn Met Ala Arg Gly -30cct tgc aac gcg ccg aga tgg gtg tcc ctg atg gtg ctc gcc ata 102 Pro Cys Asn Ala Pro Arg Trp Val Ser Leu Met Val Leu Val Ala Ile -20 -15 ggc acc gcc gtg aca gcg gcc gtc aac cct ggc gtc gtg gtc agg atc 150 Gly Thr Ala Val Thr Ala Ala Val Asn Pro Gly Val Val Val Arg Ile -1 1 tee cag aag gge etg gae tae gee age cag eag ggg aeg gee get etg 198 Ser Gln Lys Gly Leu Asp Tyr Ala Ser Gln Gln Gly Thr Ala Ala Leu 15 cag aag gag ctg aag agg atc aag att cct gac tac tca gac agc ttt 246 Gln Lys Glu Leu Lys Arg Ile Lys Ile Pro Asp Tyr Ser Asp Ser Phe aag atc aag cat ctt ggg aag ggg cat tat agc ttc tac agc atg gac 294 Lys Ile Lys His Leu Gly Lys Gly His Tyr Ser Phe Tyr Ser Met Asp 50 atc cgt gaa ttc cag ctt ccc agt tcc cag ata agc atg gtg ccc aat 342 Ile Arg Glu Phe Gln Leu Pro Ser Ser Gln Ile Ser Met Val Pro Asn 60 65

gtg Val	ggc Gly 75	ctt Leu	aag Lys	ttc Phe	tcc Ser	atc Ile 80	agc Ser	aac Asn	gcc Ala	aat Asn	atc Ile 85	aag Lys	atc Ile	agc Ser	ggg Gly	390
		aag Lys														438
ctg Leu	agc Ser	ata Ile	gaa Glu	ggc Gly 110	atg Met	tcc Ser	att Ile	tcg Ser	gct Ala 115	gat Asp	ctg Leu	aag Lys	ctg Leu	ggc Gly 120	agt Ser	486
		acg Thr														534
		aac Asn 140														582
ctg Leu	atc Ile 155	caa Gln	ctc Leu	ttc Phe	cac His	aaa Lys 160	aaa Lys	att Ile	gag Glu	tct Ser	gcg Ala 165	ctt Leu	cga Arg	aac Asn	aag Lys	630
		agc Ser														678
		cct Pro														726
		gga Gly														774
gag Glu	acc Thr	ctg Leu 220	gat Asp	gta Val	cag Gln	atg Met	aag Lys 225	gly aaa	gag Glu	ttt Phe	tac Tyr	agt Ser 230	gag Glu	aac Asn	cac His	822
		cca Pro														870
cat His 250	gac Asp	cgc Arg	atg Met	gta Val	tac Tyr 255	ctg Leu	ggc Gly	ctc Leu	tca Ser	gac Asp 260	tac Tyr	ttc Phe	ttc Phe	aac Asn	aca Thr 265	918
gcc Ala	gly aaa	ctt Leu	gta Val	tac Tyr 270	caa Gln	gag Glu	gct Ala	gly aaa	gtc Val 275	ttg Leu	aag Lys	atg Met	acc Thr	ctt Leu 280	aga Arg	966
		atg Met														1014
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ata Ile	cag Gln 315	atc Ile	cat His	gtc Val	tca Ser	gcc Ala 320	tcc Ser	acc Thr	ccg Pro	cca Pro	cac His 325	ctg Leu	tct Ser	gtg Val	cag Gln	1110

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ccc acc ggc ctt acc ttc tac cct gcc gtg gat gtc cag gcc ttt gcc 1158 Pro Thr Gly Leu Thr Phe Tyr Pro Ala Val Asp Val Gln Ala Phe Ala 335 340 gto oto occ aac too too otg got too otc tto otg att ggo atg cac 1206 Val Leu Pro Asn Ser Ser Leu Ala Ser Leu Phe Leu Ile Gly Met His 350 355 aca act ggt tcc atg gag gtc agc gcc gag tcc aac agg ctt gtt gga 1254 Thr Thr Gly Ser Met Glu Val Ser Ala Glu Ser Asn Arg Leu Val Gly 370 gag ctc aag ctg gat agg ctg ctc ctg gaa ctg aag cac tca aat att 1302 Glu Leu Lys Leu Asp Arg Leu Leu Leu Glu Leu Lys His Ser Asn Ile 380 385 ggc ccc ttc ccg gtt gaa ttg ctg cag gat atc atg aac tac att gta 1350 Gly Pro Phe Pro Val Glu Leu Leu Gln Asp Ile Met Asn Tyr Ile Val ccc att ctt gtg ctg ccc agg gtt aac gag aaa cta cag aaa ggc ttc 1398 Pro Ile Leu Val Leu Pro Arg Val Asn Glu Lys Leu Gln Lys Gly Phe 410 415 cet etc eeg acg eeg gee aga gte eag etc tac aac gta gtg ett eag 1446 Pro Leu Pro Thr Pro Ala Arg Val Gln Leu Tyr Asn Val Val Leu Gln cct cac cag aac ttc ctg ctg ttc ggt gca gac gtt gtc tat aaa 1491 Pro His Gln Asn Phe Leu Leu Phe Gly Ala Asp Val Val Tyr Lys 450 tgaaggcacc aggggtgccg ggggctgtca gccgcacctg ttcctgatgg gctgtggggc 1551 accggctgcc tttccccagg gaatcctctc cagatcttaa ccaaqaqccc cttqcaaact 1611 tettegaete agatteagaa atgatetaaa eaegaggaaa eattatteat tggaaaagtg 1671 catggtgtgt attttaggga ttatgagctt ctttcaaggg ctaaggctgc agagatattt 1731 cctccaggaa tcgtgtttca attgtaacca agaaatttcc atttgtgctt catgaaaaaa 1791 aacttctggt ttttttcatg tg 1813

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<213> Homo sapiens

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-15 -10 -5 -1 1

Asn Pro Gly Val Val Arg Ile Ser Gln Lys Gly Leu Asp Tyr Ala

Ser Gln Gln Gly Thr Ala Ala Leu Gln Lys Glu Leu Lys Arg Ile Lys
20 25 30

Ile Pro Asp Tyr Ser Asp Ser Phe Lys Ile Lys His Leu Gly Lys Gly His Tyr Ser Phe Tyr Ser Met Asp Ile Arg Glu Phe Gln Leu Pro Ser Ser Gln Ile Ser Met Val Pro Asn Val Gly Leu Lys Phe Ser Ile Ser Asn Ala Asn Ile Lys Ile Ser Gly Lys Trp Lys Ala Gln Lys Arg Phe Leu Lys Met Ser Gly Asn Phe Asp Leu Ser Ile Glu Gly Met Ser Ile Ser Ala Asp Leu Lys Leu Gly Ser Asn Pro Thr Ser Gly Lys Pro Thr 120 Ile Thr Cys Ser Ser Cys Ser Ser His Ile Asn Ser Val His Val His 140 Ile Ser Lys Ser Lys Val Gly Trp Leu Ile Gln Leu Phe His Lys Lys Ile Glu Ser Ala Leu Arg Asn Lys Met Asn Ser Gln Val Cys Glu Lys 170 Val Thr Asn Ser Val Ser Ser Lys Leu Gln Pro Tyr Phe Gln Thr Leu Pro Val Met Thr Lys Ile Asp Ser Val Ala Gly Ile Asn Tyr Gly Leu 200 Val Ala Pro Pro Ala Thr Thr Ala Glu Thr Leu Asp Val Gln Met Lys 220 Gly Glu Phe Tyr Ser Glu Asn His His Asn Pro Pro Pro Phe Ala Pro 235 Pro Val Met Glu Phe Pro Ala Ala His Asp Arg Met Val Tyr Leu Gly 250 Leu Ser Asp Tyr Phe Phe Asn Thr Ala Gly Leu Val Tyr Gln Glu Ala Gly Val Leu Lys Met Thr Leu Arg Asp Asp Met Ile Pro Lys Glu Ser Lys Phe Arg Leu Thr Thr Lys Phe Phe Gly Thr Phe Leu Pro Glu Val 295 300 Ala Lys Lys Phe Pro Asn Met Lys Ile Gln Ile His Val Ser Ala Ser 315 Thr Pro Pro His Leu Ser Val Gln Pro Thr Gly Leu Thr Phe Tyr Pro Ala Val Asp Val Gln Ala Phe Ala Val Leu Pro Asn Ser Ser Leu Ala Ser Leu Phe Leu Ile Gly Met His Thr Thr Gly Ser Met Glu Val Ser 360

370 Leu Glu Leu Lys His Ser Asn Ile Gly Pro Phe Pro Val Glu Leu Leu Gln Asp Ile Met Asn Tyr Ile Val Pro Ile Leu Val Leu Pro Arg Val 410 Asn Glu Lys Leu Gln Lys Gly Phe Pro Leu Pro Thr Pro Ala Arg Val Gln Leu Tyr Asn Val Val Leu Gln Pro His Gln Asn Phe Leu Leu Phe Gly Ala Asp Val Val Tyr Lys <210> 3 <211> 20 <212> PR PRT <213> Homo sapiens <400> 3 Val Asn Pro Gly Val Val Val Arg Ile Ser Gln Lys Gly Leu Asp Tyr 10 Ala Ser Gln Gln <210> 4 <211> 20 <212> PRT <213> Homo sapiens <400> 4 Val Asn Pro Gly Val Val Val Arg Ile Ser Gln Lys Gly Leu Asp Tyr 5 15 Ala Ser Gln Gln <210> 5 <211> 56 <212> DNA <213> Artificial sequence <220> <223> Synthetic primer gtcaatcctg gtgttgtggt caggatctct cagaagggcc tggattatgc ctccca 56 <210> 6 <211> 55 <212> DNA <213> Artificial sequence <220>

Ala Glu Ser Asn Arg Leu Val Gly Glu Leu Lys Leu Asp Arg Leu Leu

<223> Synthetic primer